

# THE TECH

Boston, Massachusetts

October 11, 1894

Volume XIV

Number 3

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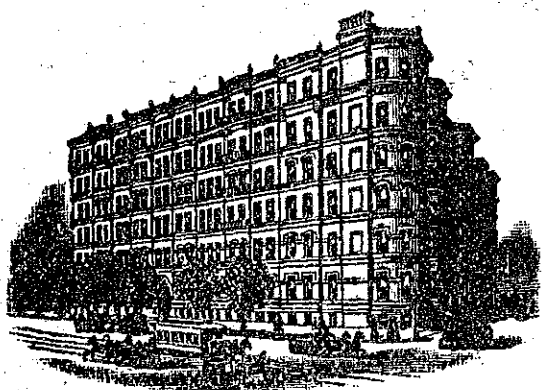
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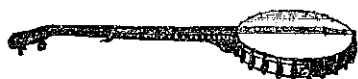
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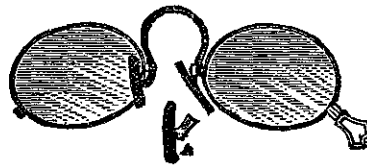


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## .. CALENDAR ..

October 11th.—Christian Union Meeting in Room 27, Rogers, at 1.50 P. M.

Meeting of the Geological Society, in Room 14, Rogers, 4.15 P. M.

October 13th.—Meeting of the M. I. T. A. C., in Room 11, Rogers, 12 M.

Election of Class Officers by the Class of Ninety-six, Rogers corridor, 8.45 A. M. to 12.30 P. M.

Football game, Technology vs. Exeter, at Exeter.

Football game, Soldiers' Field, Harvard vs. Orange Athletic Club.

October 15th.—Meeting of the Programme Committee of L'Avenir, at 4.15 P. M., Room 23, Walker.

October 17th.—Football game, South End Grounds, Technology vs. Boston Athletic Association.

Football game, Soldiers' Field, Harvard vs. Amherst.

October 19th.—Election of officers by the Class of Ninety-five.

**TECH PINS** for sale, by L. K. Yoder, '95. Leave orders at Cage, Box 16.

**WANTED.**—No. 2, Vol. 12, of THE TECH. Inquire at THE TECH Office.

**WANTED.**—No. 6, Vol. 4, of THE TECH. Inquire at THE TECH Office.

**WANTED.**—Advertisements for this paper. Liberal commission.

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**WANTED.**—Copy of '95 "Technique." Capt. John Bigelow, Jr., M. I. T.

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**LOST.**—Fraternity Pin, marked with owner's name. Finder please notify George N. Lane, '96.

**WANTED.**—'94 Class Day TECH. F. C. Field, '96.

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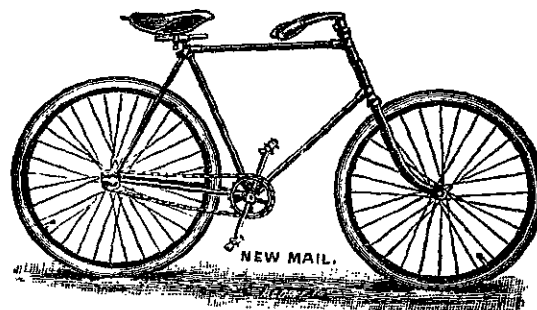
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# THE TECH

VOL. XIV.

BOSTON, OCTOBER 11, 1894.

NO. 3.

## THE TECH

Published every Thursday, during the college year, by students of the Massachusetts Institute of Technology.

ANDREW DANIEL FULLER, '95, *Editor in Chief*.  
CHARLES GILMAN HYDE, '96, *Assistant Editor in Chief*.  
JOHN HOWLAND GARDINER, '95.  
WILLIAM E. DAVIS, JR., '95.  
EDWARD ARTHUR BALDWIN, '96.  
BENJAMIN HURD, JR., '96.  
REGINALD NORRIS, '96.  
SHELDON LEAVITT HOWARD, '97.  
WILLIAM THORNTON PARKER, '97.

EDWARD ARTHUR BALDWIN, '96, *Secretary*.

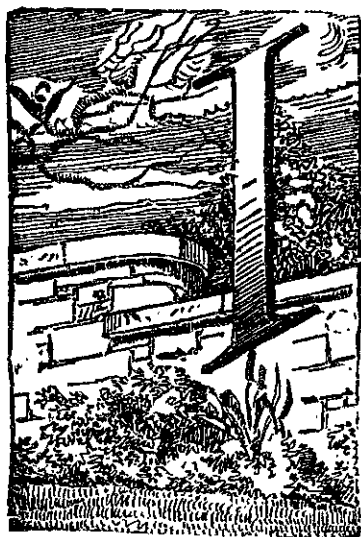
H. P. CODDINGTON, '95, *Business Manager*.

Subscription, \$2.50 per year, in advance. Single copies, 10 cts. each.

*For the benefit of students THE TECH will be pleased to answer all questions and obtain all possible information pertaining to any department of the College.*

*Contributions are requested from all undergraduates, alumni, and officers of instruction. No anonymous manuscript can be accepted.*

Entered in Post Office, Boston, Mass., as Second Class Matter.



It is a matter for deep regret that so little interest is shown by the majority of men at Technology in the work of the Athletic Association. At the proposed mass meeting held in Huntington Hall last Friday noon less than fifty men were present, notwithstanding the fact that announcements of the meeting, with its purposes, and a request for a general attendance were posted several days previous to the appointed time. As is always the case, the men who were interested enough to be present, were those whom it was least necessary to remind of the needs and the plans of the organization. Through the energy of the management more home games will be played than usual, but these are the more expensive,

inasmuch as a guarantee must be paid to the visiting teams and the field must be hired for each occasion. Added to this, the uncertainty of procuring the South End grounds at the time desired is no small handicap in arranging a satisfactory schedule of Boston games. These facts but bring up again the necessity of having a regular athletic field.

THE very considerable number of men who presented themselves as candidates for the Glee Club on Wednesday last, is certainly an encouraging commencement of the season's work. With the successes of previous years, the interest of Technology in the club has become more and more general, and each year has drawn out a more representative class of men. Little need be said of the prospects of the Banjo Club. The splendid work of the past year is too well known to be again brought forward. It is enough to say that almost all of the old members have returned, and with a number of men trying for the positions left vacant, there is no doubt that the standard of other years will more than be equaled.

Last winter an attempt was made to obtain a financial backing which would enable the clubs to make a Western trip to Chicago, visiting also the principal cities on the route, and giving one concert in each. Owing to the fact that our Western Alumni Association was unable at that time to insure a sufficient guarantee upon so initial an undertaking, the matter was dropped, and the clubs were contented to make short trips within the State.

The very encouraging outlook for the coming season should warrant strenuous exertions on the part of the management to obtain a financial support sufficiently great to allow an

extended trip as was contemplated last year. If the work of the clubs proves their worth, Technology should come to the front and should support them, both by subscription and by large attendance at the home concerts.

THE National School of Electricity, of which Thomas A. Edison is dean, is now fairly organized. This school, which originated in a course of lectures on electricity given at the World's Fair, will have branches in all the principal cities of the country, each one being under the supervision of a practical electrical expert. The object of the school is the instruction of mechanics and those who have only a limited education. To this end the course is so arranged that the higher mathematics are excluded, and the text-books are rendered more comprehensive by the "object lesson methods." There are now more than forty classes in different Western cities, with a total membership of about fifteen hundred students. The main office of the school is in New York.

THE prospects for the formation of a Technology Orchestra this year are excellent. The number of men who are well fitted to play the various instruments required in such an organization has become more and more evident from the numerous applications which have been received in answer to the call posted early in the year. Among the men who have handed in their names a large proportion play the violin, cornet, and flute; but the less common instruments—the double bass, the viola, and the trombone—are also represented.

All students who are interested in the matter, and who have not as yet applied for membership in the Orchestra, are requested to do so as soon as possible. The first rehearsal will probably be held within the next two weeks, after which a regular evening for each week will be appointed. It is especially

desired that '98 men who play suitable instruments should make themselves known to the manager, who may be addressed at Box 96, Cage.

WE are pleased to announce the election of Mr. William Thornton Parker, '97, to the Board of Editors.

### COMMUNICATIONS.

*The Editors do not hold themselves responsible for opinions expressed by correspondents.*

TO THE EDITORS OF THE TECH:—

At the recent trials by applicants for positions on the Glee Club, a system was brought to light which it seems is detrimental to the obtaining of a representative Technology club. The system referred to is the one in which old members of the club hold over from year to year without other than the original competition. That is to say, that by the system now apparently in vogue, if a man, say in his Freshman year, competes for and makes the club, he is held over from year to year as long as he is in the Institute without further competition, notwithstanding the fact that in the new material annually on hand there may be superior voices.

For example, if four men leave the club by graduation or other cause for leaving the Institute, it has been the custom to say that there are but four vacancies on the club. Is this quite right? Should not, on the contrary, each former member compete again for his position? If he is found superior in voice to his competitors by a competent judge, all well and good; if not, let him give place to the new competitor who can the better take the part.

J.

### Resolutions.

WHEREAS it has pleased Almighty God, in his divine providence, to remove from among us our classmate, William Ames, Jr., on the 23d day of September, 1894,

*Be it resolved*, That the Class of '96 has lost a firm friend and ardent supporter; furthermore,

*Be it resolved*, That a copy of these resolutions be entered in the minutes of the Class

organization, and that a copy of the same be sent to the family of the deceased.

For the Class,

M. C. McGANN,  
R. STANLEY HOWLAND,  
ALBERT CHITTENDEN.

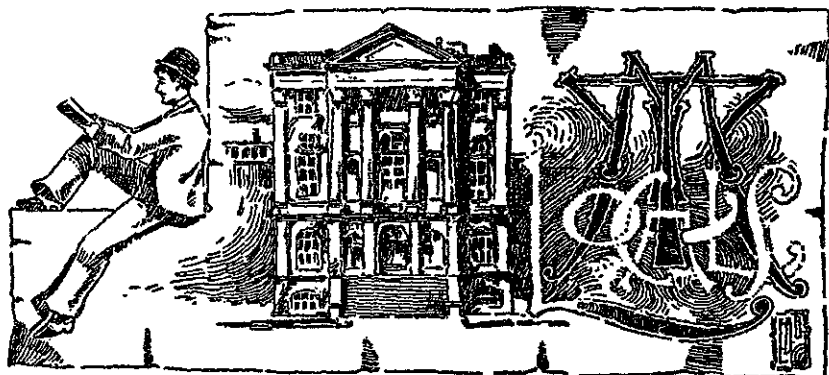
INASMUCH as God in his wisdom has deemed it best to remove from among us our esteemed classmate and friend, John Camp Swanton,

*Resolved*, That we, the Class of '96, express our great sorrow, and extend our heartfelt sympathy to the family so greatly bereaved.

*Resolved*, That copies of these resolutions be sent to the family of the deceased and published in THE TECH.

For the Class,

BENJAMIN HURD, JR.,  
CHARLES GILMAN HYDE,  
REGINALD NORRIS.



Dumaresq is with us once more.

Ninety-eight needs a bulletin board.

Two first tenors are wanted for the Glee Club.

Charles A. Phillips, '95, spent the summer in Europe.

W. B. Clifford, '96, is organizing a Mandolin Club.

F. H. Walker, '96, has entered business with his father.

Extensive changes have been made in the First Year tabular view.

W. H. Barlow, Lafayette, '96, has entered the Junior Class in Course V.

The election of officers of the Class of '97 occurred Monday, October 8th.

L. R. Nash, '94, is taking a graduate course in Physics and Mathematics at Harvard.

A. D. Koch, '92, is about to start for Europe on a two years' study of architecture.

R. S. Ball, '91, late of the Mechanical Engineering Department, will not return.

Professor Cross has prepared a new set of notes on Measurement of Force and Mass.

Men who can play orchestral instruments are invited to send their names to Box 96, Cage.

Samuel G. Reed, '94, has accepted the position of Assistant in the Engineering Laboratory.

C. W. Davis, of the University of Pennsylvania, '92, has entered the Junior class in Course VI.

A Boyer speed recorder has been added to the apparatus in the Mechanical Engineering Laboratory.

Gerard Swope, '95, had his knee sprained in a railway accident on his journey back to Boston this fall.

J. H. Smith, '96, will not return to Technology this year. He contemplates entering Harvard next fall.

I. B. Hazleton, '94, artistic editor on the '94 "Technique," has returned to Technology after an absence of a year.

Technology lost two of her best athletes in Gustavus Clapp, '95, and Leander Burnett, '96, neither of whom returned this fall.

A meeting of the M. I. T. Athletic Association will be held Saturday, October 13th, at 12 M. in Room 11, Rogers Building.

W. S. Richardson, '95, entered the Beaux Arts this summer. He passed higher than any of the other American students who tried.

Owing to the temporary absence of Mr. C. Howard Walker, the lectures in History of Ornament will not begin until October 15th.

Students who desired to begin the study of Spanish met Professor Van Daell in Room 27, Walker, last Friday.

The voices of the candidates for the Glee Club were tried in the Y. M. C. A. parlors, Tuesday, October 2d.

Instructor (to class in Heat): "The notes, gentlemen, you will be able to obtain at Mr. R-dl-r's, at the usual reduction."

W. H. Lewis, of Harvard, will have charge of the Amherst football team for two weeks, and then Parke Davis, '93, will take the men in hand.

Mr. Pearson's office hours in Room 40 are: Mondays, 2.15 to 4 P. M.; Thursdays and Fridays, 10 to 12 A. M.; Saturdays, 11 A. M. to 12.30 P. M.

Leander Burnett, the all-round champion of the Institute, is with an Electric Light Co. in Bellevue, Penn., for a year. He will return next fall.

The steel stack which is being erected for the new boilers at the Engineering Building will be 3 feet in diameter and 15 feet higher than the building.

The next number of the *Technology Quarterly* will contain about forty-five pages of the results of tests in the laboratory of Applied Mechanics.

That the new lockers in the gym. are appreciated, is shown by the fact that George received fifteen applications for an especial one near the baths.

Several hundred blue prints from the Keystone Bridge Co. and other companies, have been added to the collection of the Civil Engineering department.

Mr. A. W. Drake, '95, who last year had the financial management of the French plays, has been elected General Business Manager of the Glee and Banjo Clubs.

Students desiring to consult Dr. Tyler are requested to call between the hours of 8.30 and 10.30 A. M., or between 1.30 and 2.30 P. M., except Wednesdays and Saturdays.

The Engineering Department has received a seventy-five horse-power, double, high-speed engine from the B. F. Sturtevant Company. It will be dismantled, and its parts will be used as drawing exercises for Third Year men.

The October entrance examinations, which were granted by the Faculty to those who were prevented from taking the September examinations, were held on Tuesday, Wednesday, and Thursday.

That the study of art is not being neglected by the average Technology student, was evinced the other afternoon when the entire front row at Keith's theatre was occupied by a representation from Technology.

It is desired that a number of '98 men should join the Deutscher Verein during the coming month. A member of the Programme Committee must soon be chosen from the number of Freshmen who are elected to the Society.

Mr. J. W. Thomas, '95, has been elected captain of the Track Athletic Team. The success Mr. Thomas has met with as captain of the 'Varsity, has marked him as an able man, and warrants a champion team for another year.

Mr. S. T. Smetters, '96, has made his appearance in athletics. Mr. Smetters comes from the Northwestern University, and figured prominently on the cinder path in the mile, the half mile, and the 220-yard run. He can make the half in 2 minutes 2 seconds, and the 220 under twenty-three seconds.

At a meeting of K. O. S. held last Saturday noon, in Room 20, Rogers, J. S. Humphreys, '97, was elected President, J. Bancroft, '97, Vice President, and W. Bancroft, Secretary-Treasurer. W. Page, '97, M. W. Bige-

low, '96, Mellen, '97, Tewksbury, '97, Bradlee, '97, Noble, '97, and Hayden, '97, were elected to membership.

The Freshman Class held its second meeting October 3d, in Huntington Hall. The meeting was called to order by Mr. Smith, the temporary chairman, who stated that the purpose of the meeting was to elect a committee to draw up a class constitution. The following men were elected: Underwood, Wadsworth, Leiper, Tobey, and Willis.

The annual election of officers of the Class of '95 will be held on Friday, October 19th, at 1 P. M. The officers to be elected are President, Vice President, Secretary, Treasurer, three Directors, and two members of the Institute Committee. Nominations should be sent to L. K. Yoder, Secretary *pro tem*, on or before Thursday, October 11th.

During the past summer President Walker traveled extensively in Europe, visiting the countries of England, Scotland, France, Switzerland, the Austrian Tyrol, and Austria. While in Austria he attended the Congress of Demography and Hygiene at Buda-Pesth. This congress was a very successful one, attended as it was by scientific and professional men of high repute.

At a business meeting of the Glee Club on Thursday afternoon, it was moved and carried that an executive committee, consisting of three men, including the music committee, be appointed by the leader to have entire charge of the running affairs of the Club. The Club decided to hold rehearsals on Tuesdays and Fridays, at 1.05 P. M., and on Thursday evenings with Mr. Osgood. The annual election of officers of the Club will be held on the third Tuesday in October.

The Electrical Society held a meeting last Thursday morning after Professor Cross's lecture in Electrical Engineering. The President, Mr. H. P. Coddington, '95, addressed the society on the importance of all the mem-

bers taking an active part in the transactions of the society. As the membership of the society is still small, it was decided to hold another meeting after more Course VI. men had joined. A committee of twenty-four men will then be chosen to prepare the programmes of all the following meetings.

The appointment of captains in the Freshman Battalion has been made as follows: C. E. Emery, who held the rank of captain in the East Boston High School, has been appointed Senior Captain of the first half of the Battalion, and will command Company A; E. R. Springer, formerly captain of the Newton High School Battalion, as second captain, in charge of Company D; J. H. Lambert, major in the Lowell High School, as third captain, over Company D; and K. W. Waterson, captain in the Lowell High School, as fourth captain, over Company C.

The Deutscher Verein held its first meeting of the year on Friday, October 5th. Several new members from '95, '96, and '97 were proposed. President Matthes spoke of the work for the coming year, mentioning particularly the two comedies which the Verein will probably give in the early winter. The parts in one play have been entirely assigned, while three or four parts in the second are yet to be supplied principally by lower classmen. Mr. Von Holst read an interesting paper on the Education and School life of the German Youth, after which the meeting adjourned.

A meeting of those interested in the work of the Football Eleven was held in Huntington Hall last Friday noon, with Captain Thomas as chairman. It was hoped that a general attendance of Technology men would result from the posted announcements, so that an enthusiastic mass meeting would be held. On the contrary, less than fifty men found their way into the hall. Mr. Tillinghast, as manager of the eleven, and Mr. Rockwell, as treasurer, gave short accounts of the plans and of the financial prospects of the association.

Mr. Tillinghast also spoke especially of the difficulty and uncertainty attending the rental of the South End Grounds, and of the added expense of the games played in Boston.

From the preliminary examination of voices, the Glee Club has been finally appointed as follows: first tenors, Wason, '95, Baker, '97, Perkins, '96, Conant, '98; second tenors, Alleyne, '98, Stearns, '96, Lamb, '97, Chase, '95; first bass, Robinson, '97, Young, '96, Travis, '97, Dodge, '98; second bass, Howland, '97, Hankey, '97, Scofield, '95, Anthony, '98.

The composition of the Banjo Club has also been determined, and the following members have been announced: Banjeurines, G. F. Shepard, '95, Leader; J. H. Slavin, '98, J. L. Putnam, '96, L. S. Tyler, '96; Banjos, G. S. Munroe, '97, R. S. Willis, '98; Guitars, A. W. Thompson, '96, F. Smyser, '96, J. W. Sherman, '97, W. T. Small, '98.

Our graduates of last year are now employed as follows:—

CHARLES G. ABBOT, VIII., graduate student, Mass. Institute of Technology.  
 GEORGE H. ANDERSON, X., with the Pope Manfg. Co.  
 FRED C. BAKER, II., Assistant in City Engineer's office, Waltham.  
 HARRY R. BATES, V., chemist in the Bradley Fertilizer Co., North Weymouth.  
 WALTER V. BATSON, VI., in testing department of the General Electric Co., at Lynn.  
 CHARLES B. BEACH, X., Chemical Engineer, with J. Beach & Son, soap manufacturers, Dubuque, Ia.  
 IRVING E. BEACH, V., Soap manufacturer in Lawrence.  
 NORWIN S. BEAN, VI., Electrical Engineer, Manchester, N. H.  
 VALLETTE L. BENEDICT, VI., Electrician for Athol and Orange Street Railway Company.  
 GROSVENOR T. BLOOD, II. and VI., with American Bell Telephone Co.  
 CHARLES R. BOSS, IX., Student.  
 WILLIAM H. BOVEY, VI., with Washburn, Crosby Co., Minneapolis.  
 STEPHEN A. BREED, II., Assistant engineer in S. N. Breed's electrical shops at Lynn.  
 MASON S. CHACE, II., student in Paris.  
 NATHAN C. W. CHAPMAN, II., Mechanical engineer, Hyannis.  
 ALAN A. CLAFLIN, V., Chemist for Avery Lactart Co., Littleton.  
 EDWARD D. CLARKE, VI., with Plumb, Benedict & Barnard, nut and bolt manufacturer, Buffalo.

PRESCOTT H. COOLIDGE, I., with Croton aqueduct commission, New York.  
 HENRY F. COPELAND, I., with E. Kilpatrick, builder, New York.  
 HORACE A. CRARY, I., Engineer for Tionesta Valley Railway Co., Sheffield, Penn.  
 HENRY B. DATES, VI., with Westinghouse Electric Manfg. Co., Newark, New Jersey.  
 T. CLIVE DAVIES, II., in business, Liverpool, Eng.  
 LEON K. DAVIS, X., Chemist to American Viscose Co., Waltham.  
 NATHAN B. DAY, II., with U. S. Cordage Co., Boston.  
 HENRY S. DUCKWORTH, V., Chemist in color department of Pacific Mills, Lowell.  
 ARTHUR J. FARNSWORTH, VI., Chief Engineer and Electrician, Larchmont Electric Co., Mamaroneck, N. Y.  
 JOHN N. FERGUSON, I., with E. Worthington, Jr., & Co., Canton.  
 FREDERICK E. FOWLE, JR., VIII., Junior Assistant in Astrophysical Observatory, Smithsonian Institute, Washington.  
 MISS HARRIET T. GALLUP, V., teacher of science, Grant Collegiate Institute, Chicago.  
 HARRY W. GARDNER, IV., draftsman for Longfellow, Alden & Harlow, Boston.  
 R. WALDO GILKEY, II., with Cambridge Waterworks.  
 LOUIS S. GREENLEAF, VI., with American Bell Telephone Co.  
 HARRY P. HASTINGS, I, in office of City Engineer, Cambridge.  
 GEORGE B. HAVEN, II., Assistant in Mechanical Engineering, Mass. Institute of Technology.  
 WILLIAM R. HILL, IV., Architect with Hartwell & Richardson, Boston.  
 EDWARD M. HUNT, I., Assistant in Civil Engineering, Mass. Institute of Technology.  
 NED H. JANVRIN, I., draftsman in Boston Bridge Works, Lexington.  
 ALBERT L. KENDALL, II., Surveyor and draftsman in associated factory of the Mutual Insurance Co.  
 JOSEPH H. KIMBALL, XI., with Ernest W. Bowditch, engineer and landscape gardener of Boston.  
 WILLIAM H. KING, IX., instructor in Mr. Knapp's academy at Duxbury.  
 ROBERT H. KIRK, II., with Am. Hoist and Derrick Co., of St. Paul, Minn.  
 CHARLES REAY KNAPP, IV., architect with Maury & Dodd, Louisville.  
 HENRY O. LACOUNT, II., Graduate student, Mass. Institute of Technology.  
 LUCIUS P. LANE, IX., Graduate student, Harvard College.  
 FREDERICK M. LEONARD, I., Inspector of Sewers, Medford.  
 ROBERT LORING, X., with Boston branch of J. L. Mott Iron Works.  
 FRANK W. LOVEJOY, X., Assistant chemist, Cinclare central factory, Baton Rouge, Louisiana.  
 GUY LOWELL, IV., student in Paris.  
 PATRICK M. LYNCH, I., Civil Engineer in Holyoke.



COLBERT A. MACCLURE, IV., draftsman with Peabody & Stearns, Boston.

ANGUS R. MACKAY, III., student at Berlin University.

MISS MARION L. MAHONY, IV., draftsman for Perkins & Selby, architects, Chicago.

FRED M. MANN, IV., graduate student, Mass. Institute of Technology.

VIRGINIUS A. MAYER, VI., with National Telephone Manfg. Co., Boston.

HENRY K. MCGOODWIN, IV., architect at Bowling Green, Ky.

FRANK P. MCKIBBEN, I., Assistant at Technology.

LESLIE R. MOORE, V., Assistant in Industrial Chemistry, Mass. Institute of Technology.

LUTHER R. NASH, VI., graduate student, Harvard University.

PARKER C. NEWBEGIN, I., in engineer's department of the Bangor & Aroostook R. R. at Houlton.

HENRY L. NEWHOUSE, IV., architect with Henry I. Cobb, of Chicago.

FREDERIC M. NOA, IX., teacher in Boston.

JOHN C. NOWELL, VI., with American Telephone and Telegraph Co., New York.

WALTER W. PATCH, I., in western division of Boston Water Works.

JOSEPH W. PHELAN, V., Assistant in Chemistry, Mass. Institute of Technology.

WALTER E. PIPER, V., Assistant in Chemistry, Mass. Institute of Technology.

CLARENCE D. POLLOCK, I., chief of an engineering party on boulevard construction, Newton.

RAYMOND B. PRICE, X., Chemical Engineer in Cambridgeport.

RICHARD W. PROCTOR, V., Chemist with William S. Morrell Chemical Co., of Cincinnati, O.

LOUIS W. PULSIFER, IV., draftsman in Boston.

SAMUEL G. REED, II., draftsman for the Rollins Engine Co.

ROBERT D. REYNOLDS, II., graduate student, Mass. Institute of Technology.

THOMAS G. RICHARDS, II., assistant in Mechanical Engineering, Mass. Institute of Technology.

HENRY F. RIPLEY, II., in Calumet Woolen Mills, Uxbridge.

ARTHUR S. ROGERS, VI., with American Telephone and Telegraph Co., New York.

S. ANTHONY SAVAGE, II., with Davidson Ventilating Fan Co., Chelsea.

WILLIAM H. SAYWARD, JR., VII., studying medicine at Harvard Medical School.

GEORGE W. SHERMAN, X., assistant engineer in Colgate Soap Factory, of Jersey City.

A. A. SHURTLEFF, II., student at Harvard College.

FREDERIC P. SIMONDS, IV., draftsman for J. W. Beal, Boston.

FRANCIS M. SOUTHARD, VI., with Franklin Trust Co., of Brooklyn.

HENRY A. SWANTON, II., with Kelley, Spear & Co., Ship Builders, Bath, Me.

GEORGE A. TABER, I., with John R. Freeman, of the Winchester Water Board.

ALBERT B. TENNEY, II., with Lockwood, Green & Co., Mill Architects and Engineers, Boston.

JOSEPH E. THROPP, JR., III., assistant superintendent of the Everett Furnaces and Mines, Everett, Penn.

ARTHUR W. TIDD, I., on Malden Sewerage System.

TOROS H. TOROSSIAN, I., Civil Engineer, Rustchuk, Bulgaria.

RIGBY WASON, VI., wireman at the General Postoffice, London.

ROBERT C. WHEELER, I., assistant engineer for the Massachusetts Highway Commission at Ashby.

KENNETH F. WOOD, II., draftsman for W. F. & F. C. Sayles, of Saylesville, R. I.

This accounts for eighty-nine men out of a class numbering one hundred and thirty-six. Twenty-one others reported having no position as yet, and the remaining twenty-six have not as yet been heard from.

### The Architectural Society.

At the time of this publication the Architectural Society will have had its first meeting and election of officers for the ensuing year. It may not be *mal apropos* to give a short history of this Society and to set forth its aims. Since its foundation, in '88, the society has been one of the most active organizations in Technology. It has had for its aim the better fitting of its members for professional work. The original object was the publication of the first magazine devoted to "academic" architecture. Two students undertook the task, and the *Technology Architectural Review*, one of the best professional papers in the country, was the result. At first the Society was actively connected with the *Review*; but as those men who were most interested in the publication graduated or left the Institute the work narrowed itself to that of the original promoters, Messrs. Bates, Kimball, and Guild. Later on the name of the paper was changed to the *Architectural Review*; and although its interests tend rather to the active profession than to "academic" work, it still fosters Technology and the architectural instruction given here.



Nearly contemporaneous with the launching of the *Review*, a plan for tracing the most valuable plates in the Course IV. Library was proposed and carried into practice, as can be seen from the album of some three hundred blue prints now in the Library, and to which are being added other prints as fast as they are assigned. These tracings are made from books which are very valuable and often out of print.

The latest features of the Society, and that which caused its name to be on the lips of every Technology man last year, were the Bohemian Suppers. These were very informal affairs, consisting of light refreshments, lighter stories and songs, with enough discussion of a serious nature to make every member attend the suppers. This season the same programme will be continued, and with some of the best architects of Boston as guests the Bohemian nature of the Society will be paramount, but the older idea of tracings will not be forgotten.

#### Technology, 6; Worcester P. I., 0.

TECHNOLOGY again defeated the Worcester Polytechnic Institute on Saturday, and, although the score was not as large as that of last year, the game was ours from the start. Owing to the association game between Brooklyn and Boston, the game was called at two o'clock. The rain which fell about this time prevented a large crowd from coming, but some two hundred Technology men were present to cheer the 'Varsity in its first home game.

Worcester opened the game with a kick-off to Underwood, gaining but twenty yards. Technology then advanced the ball nearly to the center of the field, where it was lost by a fumble.

At the first snap Le Moins lost Technology ten yards for off-side play. Mayo then made the best gain of the day for Worcester, making fifteen yards around Rawson by means of

some very pretty interference. Ames dropped Allen before he had taken a step, and the W. P. I. backs could gain but little.

Underwood took the ball through center for two yards, when Rockwell wrenched his arm. Mansfield came in to quarter, and Captain Thomas dropped back to half. Hayden took the ball around right end, and it looked like a clear field for a goal, but the other backs were not fast enough in their interference, and he was tackled by Cunningham on Worcester's 20-yard line.

Short gains through the tackles advanced the ball to Worcester's 10-yard line, when Thomas dropped the ball and W. P. I. took it. Mansfield tackled Allen, with no gain, and after a try at the invincible Manahan, Cunningham kicked. Brigham dropped on the ball, and Worcester again tried to force center, without avail.

Worcester made two yards through Van Horn, and four more through Coburn. This latter looked like a long gain, but Captain Thomas dropped Mayo fully three yards back of where he tackled him. Another gain of a yard through Van Horn and Allen tried to force Le Moins, but the result was a loss of a yard for W. P. I. Van Horn lost wind in this play but soon recovered. Le Moins broke through and stopped the next play with no gain. A try at right guard found Coburn ready, and Cunningham was forced to kick.

Thomas caught the ball on Tech's 40-yard line. All three of the Technology backs made good gains until the ball was on W. P. I.'s 35-yard line, when Worcester took it on a fumble. Allen lost the ball to Technology on four downs after a pretty tackle by Rawson. M. I. T. then advanced the ball steadily to Worcester's 15-yard line, when time was called.

The second half opened with a kick-off by Underwood, gaining thirty yards for Technology. Ames downed Mayo without gain, and Worcester, after futile attempts at the line, was obliged to punt.

Thomas caught the ball, Hayden made four yards around Harris, then Underwood and Thomas each gained a yard through the line. Hayden tried right end and made five yards. Thomas made three yards through tackle, and Underwood forced Brigham for a yard. After a short gain by Hayden, Underwood made ten yards, but lost the ball to Allen. The ball was now on Worcester's 5-yard line, and Cunningham dropped back for a punt. Mansfield then made the star play of the game by breaking through and stopping the kick. Hayden was pushed through tackle, and Technology scored the first touchdown of the game.

Underwood kicked a very pretty goal. Rawson caught Cunningham's kick-off, and made eight yards. Thomas made eight yards, Underwood three; Thomas then made four more through Brigham, and Hayden five. Harris made a foul tackle of Hayden, and ten more yards were added. Rawson injured his chest and gave up, Swift taking his place. Short gains forced the ball gradually down to Worcester's 1-yard line. Time was nearly up, and the excitement was intense. Just as Technology was putting the ball in play, Brigham struck McCormick in the face. During the delay caused by this disgraceful act time was called.

The preventing of the last run when there was sufficient time to make a touchdown is a trick never resorted to by college players, and Worcester should think twice before repeating the experiment.

The teams lined up as follows: Technology,—rushers, Ames, Coburn, Le Moins, Manahan, McCormick, Van Horn, Rawson (Swift); quarter back, Thomas (Mansfield); half backs, Hayden, Rockwell; full back, Underwood. Worcester,—rushers, Ware, Smith, Brigham, Riley, Davis, Leland, Harris; quarter back, Warren; half backs, Mayo, Allen; full back, Cunningham. Score, M. I. T., 6; W. P. I., 0. Touchdown, Hayden; goal, Underwood. Time, two 20-minute halves. Umpire, Simonds; referee, Gordon.



At the meeting in THE TECH office, last Monday, of the Executive Committee of the Athletic Club, records made by C. H. Parker, '95, W. C. Marmon, '95, and J. A. Rockwell, Jr., '96, at the last Intercollegiate games in May were allowed. An Individual Excellence Cup was again offered for the year. It was decided to hold the annual Cross Country Run November 10th, and entries, which are fifty cents per man, close positively on November 3d. Prizes will be given to first and second winner, and in case of ten or more entries a third prize will be offered.

New yearly membership tickets to the Athletic Club may be obtained of the members of the Executive Committee, or by addressing the President or Secretary of the Athletic Club, Box 1, Cage.

The Individual Excellence Cup is offered to the member of the Club who scores the most points in the closed events of the Club during the present college year.

The record of 29 minutes 52 seconds from the gymnasium to Coolidge's Corner and return, made by G. Clapp, '95, will be lowered only by very fast running. It was made, however, last year on icy ground.

Rumery, '98, who has won several prizes in Europe, will try the Cross Country Run.

As Rockwell and Thomas will be with the football team November 10th, and Clapp, the record holder, has not returned, the competition for first honors in the Cross Country Run should prove close and interesting. The prize winners will be comparatively new men. Anderson, '96, Norris, '96, Lippincott, '98, and

Rumery, '98, have already gone into training for the event, and others have signified their intentions of commencing this week.

J. Y. Mara, '98, manager of the Freshman team, has arranged the following games: Groton, October 22d; Bridgewater Y. M. C. A., October 27th; West Roxbury H. S., November 3d. Games have also been arranged with St. Mark's and English High. The team will probably be made up as follows: Smith and Robinson, ends; Blagden and Sargent, tackles; Springer and Nesbit, guards; Le Moins, center; the backs are Delano, Hall, Van Horn, McConnell, and Watrous, with Emery and Wing as substitutes.

Ames, who was captain of the West Point team for two years, will play right end with the 'Varsity.

The Freshmen are canvassing their class for football subscriptions, and have already collected about \$50.

The weights of the 'Varsity team and substitutes are as follows: Beers, 145; Hall, 145; Hayden, 155; Le Moins, 189; Rockwell, 155; McCormick, 202; Manahan, 195; Mansfield, 131; Parker, 130; Rawson, 149; Swift, 160; Thomas, 145; Underwood, 153; Van Horn, 185; Whiting, 180; Wooster, 210. The average weight of the team is 165½ pounds.

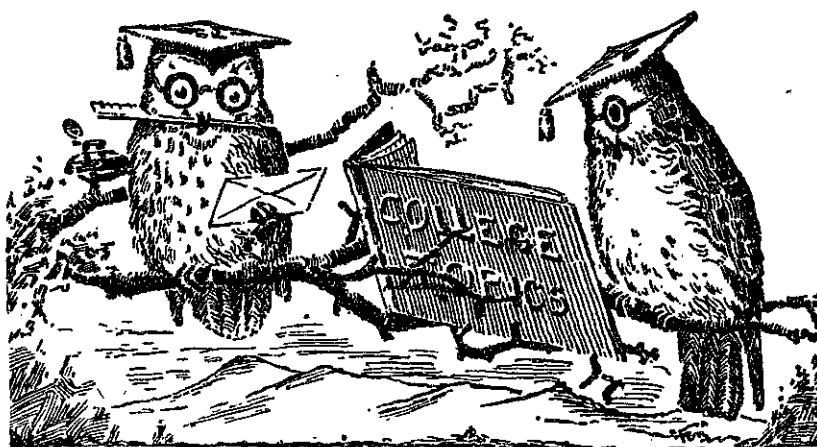
Lootz, '96, is out putting the shot daily.

Farquahar, '95, has donned the moleskins.

Allen, '96, Barker, '96, Bigelow, '96, and Leighton, '96, are training for the sprints.

Professor Foley is giving boxing lessons at the gym.

Recent football scores are: October 3d,—Yale, 28, Brown, 0; Harvard, 48, Exeter, 0; Tufts, 6, Andover, 4. October 6th,—Harvard, 40, Andover, 0; Yale, 10, Crescent, 0; Princeton, 8, Lehigh, 0; Brown, 28, B. A. A., 0; Bowdoin, 14, Exeter, 10; West Point, 18, Amherst, 0.



The cane rush has been abolished at Lehigh.

In the recent Western fire, Cornell lost over \$1,000,000 which was invested in pine lands.

The new football field at Yale has just been completed. It is situated on the extreme northwestern part of the Yale field, and is pronounced the finest in the State.

Twenty-two Yale graduates will coach football teams this year.

President Schurman recently stated his determination to abolish all hazing at Cornell, and added that, if necessary, he would expel a whole class to enforce this rule.

From four to five hundred men can be accommodated this year at the Foxcroft Club at Harvard.

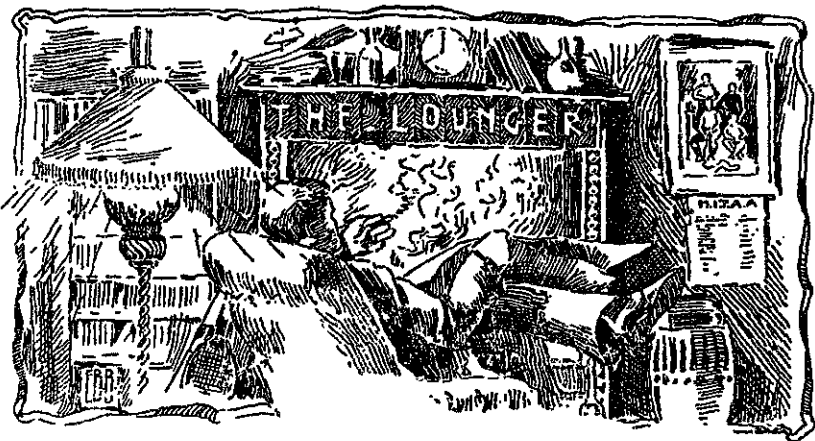
Malcolm Chase Brown has entered the Junior class in the Sheffield Scientific School.

James G. Blaine, Jr., is a candidate for the position of center on the Virginia eleven this year.

The centenary of the Hasty Pudding Club of Harvard College occurs next year.

There is a falling off in the number of students entering Princeton College this year, and it is attributed to the fame gained by hazing in that institution last year.

A banjo and guitar club has been organized at Boston College under the direction of Mr. P. C. Shortis.



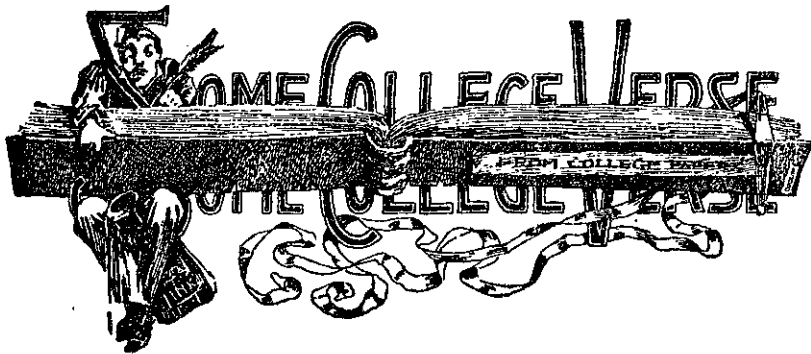
The Lounger rejoices to know that those two bright particular stars in the firmament of Technology organizations, viz., the Glee Club and the Banjo Club, have started in with most encouraging prospects upon another year of activity. The call for recruits went forth some time ago and met with flattering success; and though hampered by the loss of certain members of the late lamented class of Ninety-four, the two clubs bid fair to outdo even their remarkable efforts of last season.

Certain strong-throated and lusty aspirants for the Glee Club having satisfied the critical examiner of the depth of their attainments, received the coveted appointment extraordinary and plenipotentiary, while the merry manipulators of the banjo succeeded in capturing some valuable prizes from among the bashful applicants. Now that the depleted ranks are filled, soon will the cheerful plunk-plunk of Mr. Shepard's cohorts obtrude itself on the ear of the straggler as he hovers about the doors of historic Huntington Hall, to tell him of the struggles for harmonious unison going on within. Though the rehearsals of the singers are, perhaps by Divine dispensation, held in specially designed sound-proof apartments, the Glee Club always contrives to make a good showing when the time comes round, and the two clubs together draw such brilliant and illustrious gatherings together as make the Lounger's heart glad to think of. The successful career which this worthy couple inaugurated a year ago will, the Lounger doubts not, be uninterruptedly pursued; and realizing the remoteness of attacks of enlarged occiput, by reason of the cool-headed leadership of the twain, he looks forward to the approaching era of festivities with the brightest of anticipations.

The Lounger also gladly observes that the "Technology Band" has aroused itself from its long period

of innocuous desuetude, and that it is preparing to astonish Technology once more with the blare of trumpets and clash of cymbals whensoever L'Avenir or the Deutscher Verein shall produce a ballet worthy of its musical endeavors. The fortunate elect who were present in Copley Hall on a certain gala evening last March, will remember how delightful were the strains of soft, slow music that were coaxed from the reluctant instruments during Monsieur's carefully prepared impromptu, and how efficaciously the wielder of the leader's baton performed his onerous task. Indeed, those worthy souls who masqueraded under the title of "Le Tech Orchestre"—*Anglicé*, "The Technology Band,"—quite outdid themselves on that famous and memorable occasion. That they will eclipse our other two musical organizations is, of course, merely a matter of conjecture at the present stage of affairs, but the Lounger anticipates great things, and sees no valid reason why they should not ultimately occupy the same enviable position here as does the Pierian with our neighbor over the river.

Unless Dame Rumor is much mistaken, the warlike spirits of Ninety-seven are waxing passing weak, and unless invigorating measures are taken in liberal doses, they will soon arrive at a state positively lethargic and comatose. While the Lounger is much gratified at the sturdy spirit which the Freshmen are exhibiting, it is with much disgust that he observes the growing hesitation and downright apathy amongst the men who ought now to be vigorously upholding the fame of former Sophomores, who yet, with unbecomingly shrinking modesty, seem woefully loath to accept a challenge to the annual Cane-rush. What though "their officers lack the confidence of their classmates"? Is it, perchance, because confidence of any sort is so scarce that Ninety-seven has none either to bestow on her officers or to store in her heart to steel it for the coming fray? Will the Sophomores stand idly by and see the Freshmen wield the cane undisputed? The Lounger cannot bring himself to believe that the Sophomores will prove such an easy mark for the Freshmen, or that the stirring scenes around the old flag pole will not this year be enacted with erstwhile vigor and bravery. But let Ninety-seven rouse herself, bestir herself, whip the Freshmen if she can, get squarely beaten, if she can do nothing better,—at any rate, do something, anything to add zest to her existence, which has hitherto seemed to border on the stale, flat, and unprofitable.



## RIGHT IN THE CROSSING.

O ye co-eds, so potential,  
There is one thing you can do:  
You can perch yourself upon one foot  
And put on an overshoe.

—*U. of M. Wrinkle.*

## WE HAVE ALL BEEN THERE.

"My boy, you look weary and wan;  
You are working too hard with your Greek,  
To try, from constructions obscure,  
Some plausible meaning to seek."

"No, no," he wearily said,  
"The meaning I plainly can see;  
But I'm worn out trying to make  
The text and the pony agree."

—*S. W. P. U. Journal.*

"Pray answer me this:  
What shape is a kiss,  
O maiden, most charming and fickle?"  
"Why, sir," answered she,  
"It seemeth to me  
That I surely should call it  
A lip-tickle."

—*Ex.*

## WHEN DAYS WERE YOUNG.

My heart recalls a lass of tender years,  
Brings back the ken of childish smiles and tears,  
Of games in mud from morn till evening dew,  
Of grand stone kings and great dirt-castles, too.  
She the great builder, I like slave that fears,  
Ruled by those despot words that boyhood hears,  
"All right for you."

Far from that dale of childish building days,  
In firmer castles we have shaped our ways;  
Yet airy walls and sandy castles too,  
Still now remain to make the picture true.  
And still there bides to add to memory's praise,  
Those sweet-remembered words of long-gone days,  
"All right for you."

—*Yale Courant.*

Morae as metrical units of feet  
The Greeks were accustomed to class.  
But metre's the unit that seemeth most meet,  
For meters are measures of gas.

—*Univ. Beacon.*

## A HEATHENISH RITE.

To write or not to write,  
I wish I knew;  
For when I've naught to write  
What can I do,  
When verses fresh and bright  
Are over due?  
These lines, and not two right,—  
I'm mixed, 'tis true,—  
Are tied in a knot, too right.

—*Brunonian*

## BOSTON GIRL'S VERSION.

Scintillate, scintillate, globule orific,  
Fain would I fathom thy nature specific,  
Loftily poised in ether capacious,  
Strongly resembling a gem carbonaceous.

When torrid Phœbus refuses his presence,  
And ceases to lamp with fierce incandescence,  
Then you illumine the region supernal,  
Scintillate, scintillate, semper nocturnal.

—*Squibs.*

## GENTLY FLOWING.

Out o'er the mellow landscape,  
Down in the vale below,  
Creeping, the silent river  
Gently moves and slow.  
Like unto liquid silver,  
Musing, it glides, and free,  
Down in the infinite distance,  
Down, melting down, to the sea.  
Great in thy majesty art thou!  
Sacred thy peaceful flow!  
Hallowed thy beauteous bosom!  
Saintly thy shimmering glow!

—*Brunonian.*

## His Nationality.

At first-year French, "Oh, D——!" he sighed;  
Alike he trembled when  
The Prof., in desperation, cried,  
"*Etes vous Americain?*"

The man to whom this question came  
Knew little of the art,  
And answered, with a blush of shame,  
"*Je suis un Democrate!*"

S. L. H.

## An Impossibility.

Last night, in peaceful slumbers, we  
Did dream a dream, until  
In columns vast, subscribers came,  
Each man to pay his bill.

# NOYES BROTHERS



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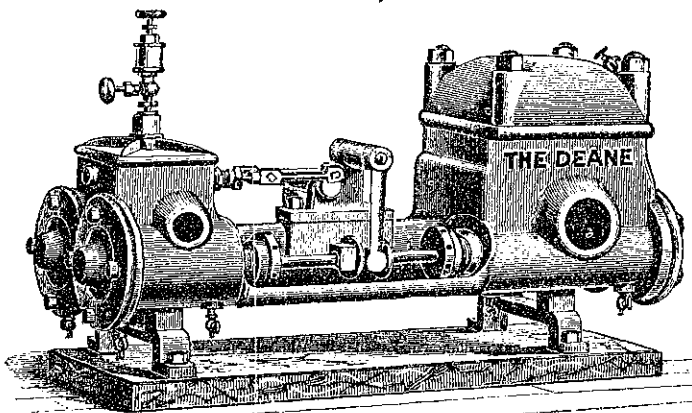
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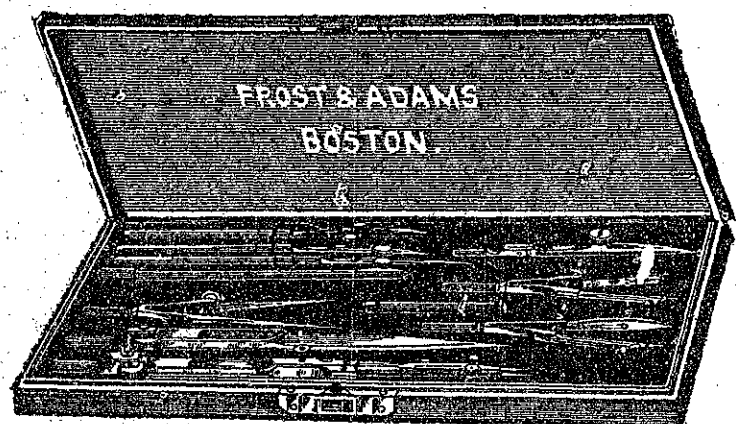
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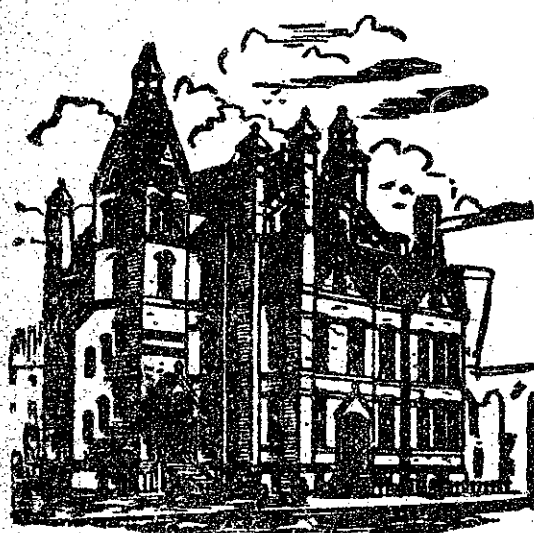
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